TD9T0T' T0E28660

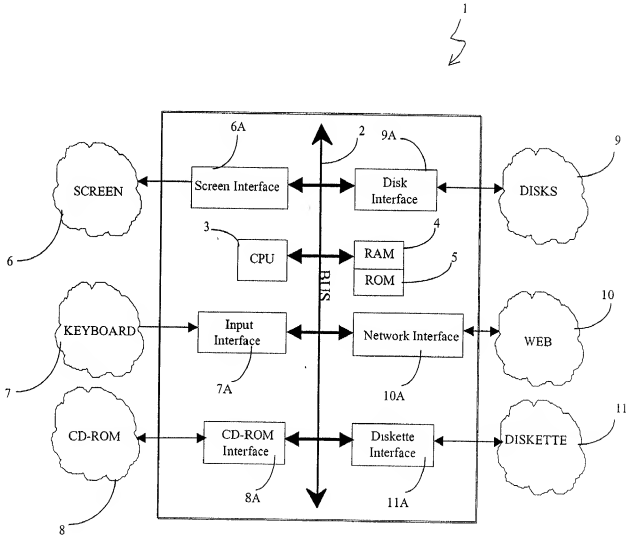

Fig.1

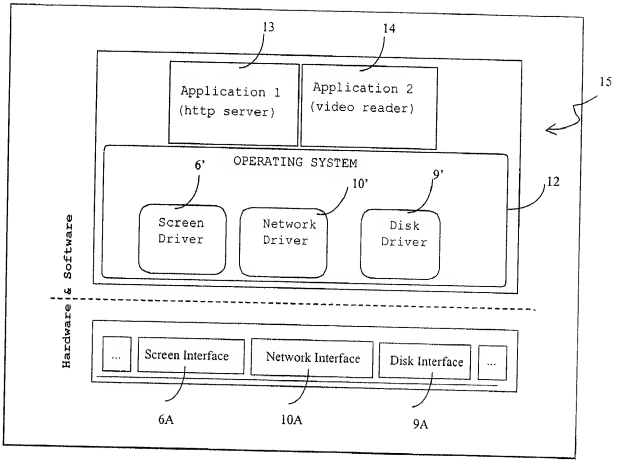
13
14
15
Application 1
(http server)
Application 2
(video reader)
OPERATING SYSTEM
6'
10'
9'
12
Screen
Driver
Network
Driver
Disk
Driver
Hardware & Software
...
Screen Interface
Network Interface
Disk Interface
...
6A
10A
9A

Fig.2

T09T0T" T0E28860

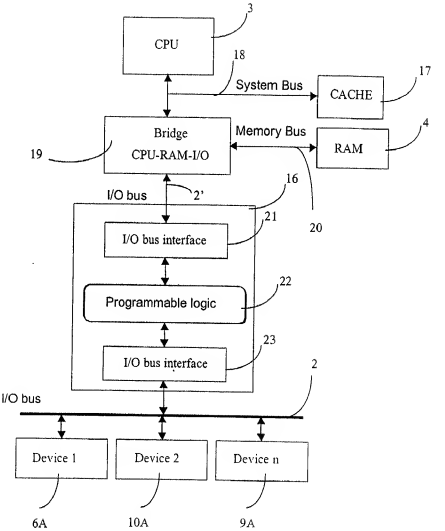

Fig.3

TOSTOT:TOC28860

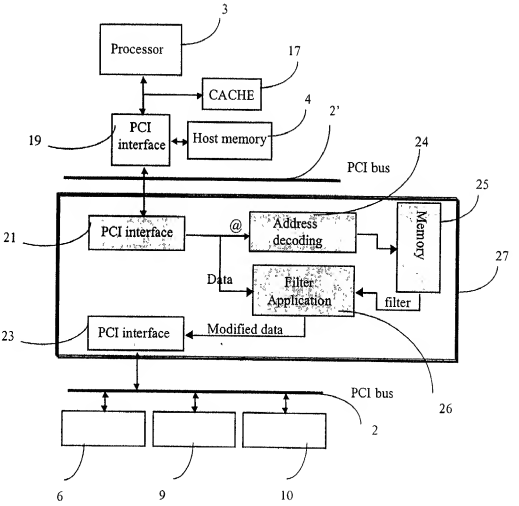

Fig.4

FOSTOT: TOE28860

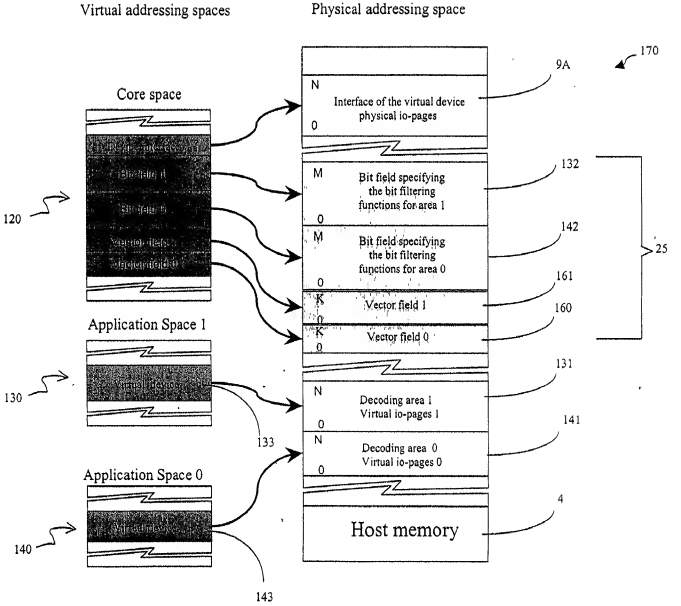

Fig.5

FR 2 928 760 - FR 08 52860

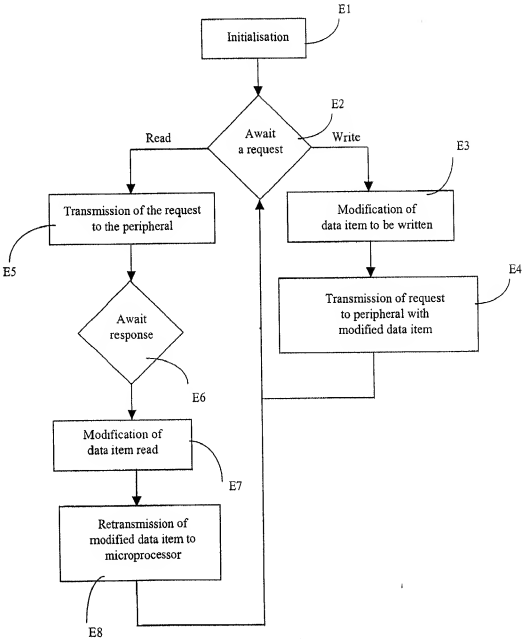

Fig.6

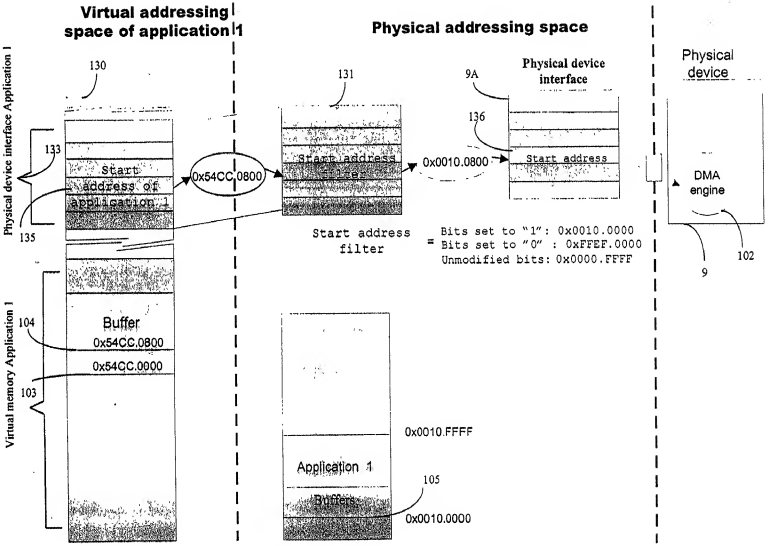
Virtual addressing space of application 1
Physical addressing space
Physical device interface Application 1
130
131
9A
Physical device interface
Physical device
133
Start address of application 1
0x54CC.0800
Start address
0x0010.0800
136
Start address
DMA engine
135
Start address filter
= Bits set to "1": 0x0010.0000
Bits set to "0" : 0xFFEF.0000
Unmodified bits: 0x0000.FFFF
9
102
Virtual memory Application 1
104
Buffer
0x54CC.0800
0x54CC.0000
103
0x0010.FFFF
Application 1
105
Buffers
0x0010.0000

Fig.7

FOSTOT" TDE28860

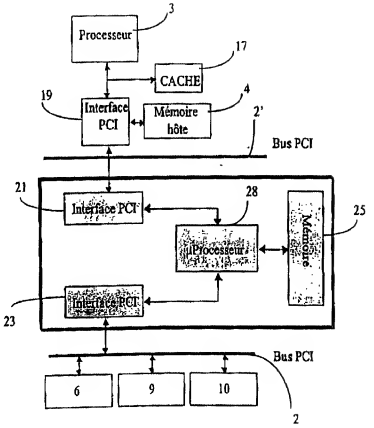

Fig.8